865

Purchase Order Change Acknowledgment/Request - Seller Initiated

Functional Group=CA

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Acknowledgment/Request - Seller Initiated Transaction Set (865) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to convey acceptance or rejection of changes to a previously submitted purchase order by the seller or to notify the buyer of changes initiated by the seller to a previously submitted purchase order by the seller.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	1			Must use
LOOP ID - N1		-	-	-	**200**	-	-
300	N1	Name	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - POC		-	-	-	**>1**	-	-
010	POC	Line Item Change	O	1			Used
015	LIN	Item Identification	O	>1			Used
040	CTP	Pricing Information	O	>1			Used
LOOP ID - PID		-	-	-	**1000**	-	-
050	PID	Product/Item Description	O	1			Used
100	REF	Reference Identification	O	>1			Used
LOOP ID - SAC		-	-	-	**25**	-	-
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
LOOP ID - ACK		-	-	-	**104**	-	-
270	ACK	Line Item Acknowledgment	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT		-	-	-	**1**	**N3/010L**	-
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/010L   Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

3/010   Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

User Note 1: *This transaction set is used to acknowledge an order change placed directly with a vendor - no 860 has been sent/received.*

ST Transaction Set Header

Pos: 010	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **All valid standard codes are used.**	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BCA   Beginning Segment for Purchase Order Change Acknowledgment

Pos: 020   Max: 1
Heading - Mandatory
Loop: N/A   Elements: 5

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

Code	Name
00	Original

User Note 1: *Use to indicate an original transmission of an 865 transaction set.*

Code	Name
07	Duplicate

User Note 1: *Use to indicate the retransmission of a previously transmitted 865 transaction set.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA02	587	**Acknowledgment Type**	O	ID	2/2	Must use

Description: Code specifying the type of acknowledgment

Code	Name
AC	Acknowledge - With Detail and Change

User Note 1: *Use to indicate an order is being acknowledged with detail and/or changes. This may include the rejection of one or more line items.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA03	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

User Note 1: *Use to identify the award instrument number (PIIN) to which this transaction set applies.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA04	328	**Release Number**	O	AN	1/30	Used

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

User Note 1: *Use to identify the number of a release, call or delivery order (SPIIN) against a basic award instrument to which this transaction set applies.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCA06	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD
User Note 1: *Cite the 865 transaction date.*

Semantics:

1. BCA06 is the date assigned by the purchaser to purchase order.
2. BCA09 is the seller's order number.
3. BCA10 is the date assigned by the sender to the acknowledgment.
4. BCA11 is the date of the purchase order change request.
5. BCA12 is the order change acknowledgment date.

Loop N1

Pos: 300	**Repeat: 200**
Optional	
Loop: N1	**Elements: N/A**

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
300	N1	Name	O	1		Used

User Note 1: *At least 2 iterations of this segment are REQUIRED with N101 citing code BY and SE.*

N1   Name

Pos: 300	**Max: 1**
Heading - Optional	
Loop: N1	**Elements: 3**

User Option (Usage): Used

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name
BY	Buying Party (Purchaser)
R6	Requester
SE	Selling Party
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
10	Department of Defense Activity Address Code (DODAAC)

> **User Note 1:** *Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.*

Code	Name
33	Commercial and Government Entity (CAGE)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Must use

Description: Code identifying a party or other code

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop POC

Pos: 010	**Repeat: >1**
Optional	
Loop: POC	**Elements: N/A**

To specify changes to a line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	POC	Line Item Change	O	1		Used
015	LIN	Item Identification	O	>1		Used
040	CTP	Pricing Information	O	>1		Used
050		Loop PID	O		1000	Used
100	REF	Reference Identification	O	>1		Used
130		Loop SAC	O		25	Used
270		Loop ACK	O		104	Used

User Note 1:

FOR non-Medical TVR PROGRAMS
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All line items must be identified by citing the CLIN in POC01. POC02 will be 'CA' unless noted otherwise below. In addition:

To reject a line item, cite the appropriate rejection code in ACK01.

To indicate acceptance of a line item that has been added to the order, cite the order quantity, quantity left to ship and uom in POC03, POC04 and POC05, respectively, price in POC06, price basis, if applicable, in POC07, material identification in the Qualf/Product pairings of the POC and LIN segments, additional pricing info in the CTP segment, item description in the PID segment, all relevant reference numbers and attributes in the REF segment, service info in the SAC segment and 'AI' in POC02. The ACK segment should contain ACK01='IA', the delivery date in ACK05 and ACK04='069'.

To accept a line item without changes, the POC loop, for that item, does not need to be sent. If sent, cite 'IA' in ACK01.

To accept a line item with a quantity change (quantity and/or uom), cite the new order quantity, quantity left to ship and uom in POC03, POC04 and POC05, respectively, and 'IQ' in ACK01.

To accept a line item with a price change, cite the new price in POC06, price basis, if applicable, in POC07 and 'IP' in ACK01.

To accept a line item with a delivery date change, cite the new delivery date in ACK05, ACK04='069' and ACK01='DR'.

To accept a line item with multiple changes (quantity/uom, price, and/or delivery date), cite all data as described for the individual change above, but use 'IC' in ACK01.

To accept a line item with a material substitution, cite the order quantity, quantity left to ship and uom in POC03, POC04 and POC05, respectively, price in POC06, price basis, if applicable, in POC07, material identification in the product pairings of the POC and LIN segments, additional pricing info in the CTP segment, item description in the PID segment, all relevant reference numbers and attributes in the REF segment, service info in the SAC segment and 'IS' in ACK01, the delivery date in ACK05 and ACK04='069'.

POC   Line Item Change

Pos: 010	Max: 1
Detail - Optional	
Loop: POC	**Elements: 12**

User Option (Usage): Used

To specify changes to a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC01	350	**Assigned Identification**	O	AN	1/20	Must use

Description: Alphanumeric characters assigned for differentiation within a transaction set

User Note 1: *Use to specify the Contract Line Item Number(CLIN).*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC02	670	**Change or Response Type Code**	M	ID	2/2	Must use

Description: Code specifying the type of change to the line item

Code	Name
AI	Add Additional Item(s)

User Note 1: *For TVR program: use this code to indicate a line item that has been added to the order since the last acknowledgment (855 or 865) transaction.*

Code	Name
CA	Changes To Line Items

User Note 1: *For APV program: use this code when indicating acceptance, changes or rejection of the line item.*

For TVR program: use this code to indicate changes or rejection of an existing line item.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC03	330	**Quantity Ordered**	O	R	1/15	Used

Description: Quantity ordered

User Note 1: *Quantity accepted by the selling party. This element always contains the "FILL" quantity - even if it is less than the customer's original order quantity.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC04	671	**Quantity Left to Receive**	X	R	1/9	Used

Description: Quantity left to receive as qualified by the unit of measure

User Note 1: *Cite the quantity yet to be shipped.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC05	C001	**Composite Unit of Measure**	X	Comp		Used

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

User Note 1: *Use to identify the unit of measure applicable to the quantity cited in POC03.*
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC06	212	**Unit Price**	X	R	1/17	Used

Description: Price per unit of product, service, commodity, etc.

User Note 1: *Cite the Burdened Unit Price.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC08	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

User Note 1: *1. Cite the appropriate code to identify the line item.*

> *2. Use the LIN segment for the identification of manufacturers and associated part numbers.*

Code	Name
FS	National Stock Number
HI	HIBC (Health Care Industry Bar Code)
IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
N4	National Drug Code in 5-4-2 Format
ND	National Drug Code (NDC)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UX	Universal Product Number
VC	Vendor's (Seller's) Catalog Number
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC09	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used
POC10	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used

Code	Name
FS	National Stock Number
HI	HIBC (Health Care Industry Bar Code)
IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
N4	National Drug Code in 5-4-2 Format
ND	National Drug Code (NDC)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UX	Universal Product Number
VC	Vendor's (Seller's) Catalog Number
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC11	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used
POC12	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used

Code	Name
FS	National Stock Number
HI	HIBC (Health Care Industry Bar Code)
IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
N4	National Drug Code in 5-4-2 Format
ND	National Drug Code (NDC)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UX	Universal Product Number
VC	Vendor's (Seller's) Catalog Number
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC13	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used

Syntax:

1. C030405 - If POC03 is present, then all of POC04,POC05 are required
2. C0706 - If POC07 is present, then all of POC06 are required

3.   P0809 - If either POC08,POC09 is present, then all are required
4.   P1011 - If either POC10,POC11 is present, then all are required
5.   P1213 - If either POC12,POC13 is present, then all are required
6.   P1415 - If either POC14,POC15 is present, then all are required
7.   P1617 - If either POC16,POC17 is present, then all are required
8.   P1819 - If either POC18,POC19 is present, then all are required
9.   P2021 - If either POC20,POC21 is present, then all are required
10. P2223 - If either POC22,POC23 is present, then all are required
11. P2425 - If either POC24,POC25 is present, then all are required
12. P2627 - If either POC26,POC27 is present, then all are required

Semantics:

1.   POC01 is the purchase order line item identification.

LIN	**Item Identification**	Pos: 015 Max: >1 **Detail - Optional** Loop: POC Elements: 4

User Option (Usage): Used

To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID	2/2	Must use

Code	Name
ZB	Commercial and Government Entity (CAGE) Code

User Note 1: *Cite the manufacturer's CAGE.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN03	234	**Product/Service ID** **Description:** Identifying number for a product or service	M	AN	1/48	Must use
LIN04	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Must use

Code	Name
MG	Manufacturer's Part Number

User Note 1: *The Manufacturer's Name ("MF") or CAGE ("ZB") is required to distinguish this part number.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN05	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use

Syntax:

1. P0405 - If either LIN04,LIN05 is present, then all are required
2. P0607 - If either LIN06,LIN07 is present, then all are required
3. P0809 - If either LIN08,LIN09 is present, then all are required
4. P1011 - If either LIN10,LIN11 is present, then all are required
5. P1213 - If either LIN12,LIN13 is present, then all are required
6. P1415 - If either LIN14,LIN15 is present, then all are required
7. P1617 - If either LIN16,LIN17 is present, then all are required
8. P1819 - If either LIN18,LIN19 is present, then all are required
9. P2021 - If either LIN20,LIN21 is present, then all are required
10. P2223 - If either LIN22,LIN23 is present, then all are required
11. P2425 - If either LIN24,LIN25 is present, then all are required
12. P2627 - If either LIN26,LIN27 is present, then all are required
13. P2829 - If either LIN28,LIN29 is present, then all are required
14. P3031 - If either LIN30,LIN31 is present, then all are required

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

User Note 1: *Use this segment to identify a manufacturer, with an associated manufacturer's part number for the product specified in the POC segment.*

CTP   Pricing Information

Pos: 040	**Max: >1**
Detail - Optional	
Loop: POC	**Elements: 2**

User Option (Usage): Used

To specify pricing information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP02	236	**Price Identifier Code**	X	ID	3/3	Must use

Description: Code identifying pricing specification

Code	Name
BCH	Base Charge

User Note 1: *Cite the Unburdened Unit Price in CTP03.*

Code	Name
STA	Standard Price

User Note 1: *Cite the Standard Unit Price in CTP03.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP03	212	**Unit Price**	X	R	1/17	Must use

Description: Price per unit of product, service, commodity, etc.

Syntax:
1. P0405 - If either CTP04,CTP05 is present, then all are required
2. C0607 - If CTP06 is present, then all of CTP07 are required
3. C0902 - If CTP09 is present, then all of CTP02 are required
4. C1002 - If CTP10 is present, then all of CTP02 are required
5. C1103 - If CTP11 is present, then all of CTP03 are required

Semantics:
1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

Comments:
1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Loop PID

<table>
<tr><td>Pos: 050</td><td>Repeat: 1000</td></tr>
<tr><td colspan="2" align="center">Optional</td></tr>
<tr><td>Loop: PID</td><td>Elements: N/A</td></tr>
</table>

To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
050	PID	Product/Item Description	O	1		Used

PID Product/Item Description

<table>
<tr><td>Pos: 050</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: PID</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				

	Code	Name
	F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID05	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax:

1. C0403 - If PID04 is present, then all of PID03 are required
2. R0405 - At least one of PID04,PID05 is required
3. C0703 - If PID07 is present, then all of PID03 are required
4. C0804 - If PID08 is present, then all of PID04 are required
5. C0905 - If PID09 is present, then all of PID05 are required

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

REF   Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: POC	**Elements: 3**

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code	Name
16	Military Interdepartmental Purchase Request (MIPR) Number
IL	Internal Order Number

User Note 1: *MILSTRIP Requisition Number. Cite if different from (header) Summary Document number.*

P7	Product Line Number

User Note 1: *Core List Item Number*

W8	Suffix

User Note 1: *MILSTRIP Requisition Suffix*

XY	Other Unlisted Type of Reference Number

User Note 1: *When "XY" is used, REF02 will contain the data value and REF03 will contain the data type descriptor.*

REF03 values:

"PRICE IND" - REF02="PR", Product
           REF02="SE", Service
           REF02="BE", Bench Stock
           REF02="AF", Air Freight
           REF02="FR", Freight

"SUBC SOCIOEC CODE", REF02= Subcontractor Socio-Economic Code

"TRANSP INCL" - REF02="Y", Transportation Included in unit price,
           REF02="N", Transportation not Included

"LEVEL A PKG" - REF02="Y", Level A Packaging,
           REF02="N", not Level A Packaging

"TREATED" - REF02="Y", Treated Material (e.g. lumber),
           REF02="N", not Treated Material

"PRICE UNIT" - REF02="TL", Truckload
           REF02="US", Unit
           REF02="LU", Less than Unit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/30	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Syntax:

1.   R0203 - At least one of REF02,REF03 is required

Semantics:

1.   REF04 contains data relating to the value cited in REF02.

Loop SAC

<table>
<tr><td>Pos: 130</td><td>Repeat: 25</td></tr>
<tr><td colspan="2" align="center">Optional</td></tr>
<tr><td>Loop: SAC</td><td>Elements: N/A</td></tr>
</table>

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC   Service, Promotion, Allowance, or Charge Information

Pos: 130   **Max: 1**
Detail - Optional
Loop: SAC   Elements: 7

User Option (Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified	M	ID	1/1	Must use

Code	Name
N	No Allowance or Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge	X	ID	4/4	Must use

User Note 1: *Any code may be used.*

The following codes are used for the Wood and Metal PV programs:

A520 Base Charge (Wood/Metal) - use to specify the cost, per ordered unit, of the raw material product from the mill.

B620 Container Stuffing (Wood) - use to specify the cost of obtaining and loading containers.

F150 Packaging Service (Wood) - use to specify the shipping cost, per Bundle.

G821 Shipping (Metal) - use to specify the shipping cost, per ordered unit.

H151 Special Services (Metal) - use to specify the cost of extra services, per ordered unit.
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount** **Description:** Monetary amount	O	N2	1/15	Used

User Note 1: *Total Amount - not a "per unit" amount.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC08	118	**Rate** **Description:** Rate expressed in the standard monetary denomination for the currency specified	O	R	1/9	Used

User Note 1: *Amount per ordering unit.*

Alternate quantity/uom can be specified in SAC09 and SAC10.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC09	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X	ID	2/2	Used

User Note 1: *Use only when SAC02 = "F150".*
All valid standard codes are used.

SAC10	380	**Quantity**		X	R	1/15	Used
		Description: Numeric value of quantity					
		User Note 1: *Number of Bundles in the Shipment. Use only when SAC02="F150".*					
SAC15	352	**Description**		X	AN	1/80	Not recom
		Description: A free-form description to clarify the related data elements and their content					

Syntax:

1. R0203 - At least one of SAC02,SAC03 is required
2. P0304 - If either SAC03,SAC04 is present, then all are required
3. P0607 - If either SAC06,SAC07 is present, then all are required
4. P0910 - If either SAC09,SAC10 is present, then all are required
5. C1110 - If SAC11 is present, then all of SAC10 are required
6. L130204 - If SAC13 is present, then at least one of SAC02,SAC04 is required
7. C1413 - If SAC14 is present, then all of SAC13 are required
8. C1615 - If SAC16 is present, then all of SAC15 are required

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Loop ACK

Pos: 270	**Repeat: 104**
	Optional
Loop: ACK	**Elements: N/A**

To acknowledge the ordered quantities and specify the ready date for a specific line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
270	ACK	Line Item Acknowledgment	O	1		Used

User Note 1:

FOR non-Medical TVR PROGRAMS
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All line items must be identified by citing the CLIN in POC01. POC02 will be 'CA' unless noted otherwise below. In addition:

To reject a line item, cite the appropriate rejection code in ACK01.

To indicate acceptance of a line item that has been added to the order, cite the order quantity, quantity left to ship and uom in POC03, POC04 and POC05, respectively, price in POC06, price basis, if applicable, in POC07, material identification in the Qualf/Product pairings of the POC and LIN segments, additional pricing info in the CTP segment, item description in the PID segment, all relevant reference numbers and attributes in the REF segment, service info in the SAC segment and 'AI' in POC02. The ACK segment should contain ACK01='IA', the delivery date in ACK05 and ACK04='069'.

To accept a line item without changes, the POC loop, for that item, does not need to be sent. If sent, cite 'IA' in ACK01.

To accept a line item with a quantity change (quantity and/or uom), cite the new order quantity, quantity left to ship and uom in POC03, POC04 and POC05, respectively, and 'IQ' in ACK01.

To accept a line item with a price change, cite the new price in POC06, price basis, if applicable, in POC07 and 'IP' in ACK01.

To accept a line item with a delivery date change, cite the new delivery date in ACK05, ACK04='069' and ACK01='DR'.

To accept a line item with multiple changes (quantity/uom, price, and/or delivery date), cite all data as described for the individual change above, but use 'IC' in ACK01.

To accept a line item with a material substitution, cite the order quantity, quantity left to ship and uom in POC03, POC04 and POC05, respectively, price in POC06, price basis, if applicable, in POC07, material identification in the product pairings of the POC and LIN segments, additional pricing info in the CTP segment, item description in the PID segment, all relevant reference numbers and attributes in the REF segment, service info in the SAC segment and 'IS' in ACK01, the delivery date in ACK05 and ACK04='069'.

ACK   Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Optional	
Loop: ACK	**Elements: 3**

User Option (Usage): Used

To acknowledge the ordered quantities and specify the ready date for a specific line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK01	668	**Line Item Status Code**	M	ID	2/2	Must use

Description: Code specifying the action taken by the seller on a line item requested by the buyer

User Note 1: *1. Cite codes IA or IP if the "KILL" quantity is zero and the "FILL" quantity equals the customer's original order quantity.*

2. Cite code IS if the "KILL" quantity is zero and the "FILL" quantity equals the customer's original order quantity and the item number has changed from the customer's originally requested item number.

3. Otherwise cite the listed code that best describes the "KILL" quantity reason.

Code	Name
DR	Item Accepted - Date Rescheduled

    User Note 1: *Cite code '069' in ACK04 and the delivery date in ACK05*

IA	Item Accepted

    User Note 1: *Item accepted without any changes.*

IC	Item Accepted - Changes Made

    User Note 1: *This value should only be used when more than one of the following attributes differs from the customer's request:*

      Quantity - use POC03, POC04 and POC05
      Price - use POC06
      Delivery Date - use ACK04='069' and ACK05
      Material - use POC08/09 et. al.

ID	Item Deleted

    User Note 1: *Indicates a Line Item that was deleted by the Customer.*

IP	Item Accepted - Price Changed

    User Note 1: *Cite the price in POC06.*

IQ	Item Accepted - Quantity Changed

    User Note 1: *Quanitity changes are indicated by using POC03, POC04 and POC05.*

IR	Item Rejected

    User Note 1: *Use this code only when a codes R1-R8 do not apply.*

IS	Item Accepted - Substitution Made

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK04	374	**Date/Time Qualifier**	O	ID	3/3	Used

Description: Code specifying type of date or time, or both date and time

Code	Name
069	Promised for Delivery

    User Note 1: *Required when ACK01='DR' or 'IS'.*

    Use if there are multiple changes to an item (ACK01='IC') and one of the them is a

> *delivery date change.*
>
> *Required when the Line Item has just been added by the Customer (POC02='AI').*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK05	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				

Syntax:

1. P0203 - If either ACK02,ACK03 is present, then all are required
2. C0405 - If ACK04 is present, then all of ACK05 are required
3. P0708 - If either ACK07,ACK08 is present, then all are required
4. P0910 - If either ACK09,ACK10 is present, then all are required
5. P1112 - If either ACK11,ACK12 is present, then all are required
6. P1314 - If either ACK13,ACK14 is present, then all are required
7. P1516 - If either ACK15,ACK16 is present, then all are required
8. P1718 - If either ACK17,ACK18 is present, then all are required
9. P1920 - If either ACK19,ACK20 is present, then all are required
10. P2122 - If either ACK21,ACK22 is present, then all are required
11. P2324 - If either ACK23,ACK24 is present, then all are required
12. P2526 - If either ACK25,ACK26 is present, then all are required
13. P2728 - If either ACK27,ACK28 is present, then all are required
14. C282729 - If ACK28 is present, then all of ACK27,ACK29 are required

Semantics:

1. ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Loop CTT

Pos: 010	**Repeat: 1**
Optional	
Loop: CTT	**Elements: N/A**

To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	CTT	Transaction Totals	O	1		Used

CTT Transaction Totals

<div style="border:1px solid">

Pos: 010   **Max: 1**
Summary - Optional
Loop: CTT   Elements: 1

</div>

User Option (Usage): Used

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

User Note 1: *Use to identify the total number of POC segments contained in this transaction set.*

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE   Transaction Set Trailer

Pos: 030   Max: 1
Summary - Mandatory
Loop: N/A   Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1.   SE is the last segment of each transaction set.